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FUNCTIONAL SPECIFICATION
INTERFACES

Section I: Justification

Area (SAP System components):	FI (GL)		Date:	04/18/06
Requested by:	Teresa Hane		Tel no:	
Title:	JE (FV50)			

Short description:	Process JE's for non-live agencies. Deletion of the parked (saved as complete) JE if workflow approval is rejected and inclusion in the STARS Error file.
Program type:	☒ Batch interfaces ☐ Online interfaces
Priority:	☒ High/mandatory ☐ Medium/recommended ☐ Low/optional

Interface specification: Type of interface: Created with: Interface direction: Frequency:	 ☐ BAPI ☒ IDOC ☐ ALE ☐ Others ☒ SAP Standard interface ☐ Add-on interface ☒ Inbound ☐ Outbound ☐ Both ☒ Daily ☐ Weekly ☐ Monthly ☐ Biweekly ☐ Others:
General information: Results if no interface is are created:	 ☐ Legal requirements not fulfilled ☒ Lack of essential business information ☐ Lack of functions compared to legacy system ☒ Others: Increased manual entry
Approx. duration of development work:	5 Days
Is there an alternative in the standard system?	☐ Yes ☒ No
Description of alternative:	
Reasons why alternative is not acceptable:	☐ Performance problems ☐ Complexity ☐ Others:

Project cost:		Charge cost to:	
Cost approved by:			
Date of project management approval:		Date of steering committee approval:	

1.8_support_Functional_Spec_STARS_Part_3 _JE.doc

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Section II: Detailed Functional Description

Background:

The State of South Carolina expectations for the non-live agency process:
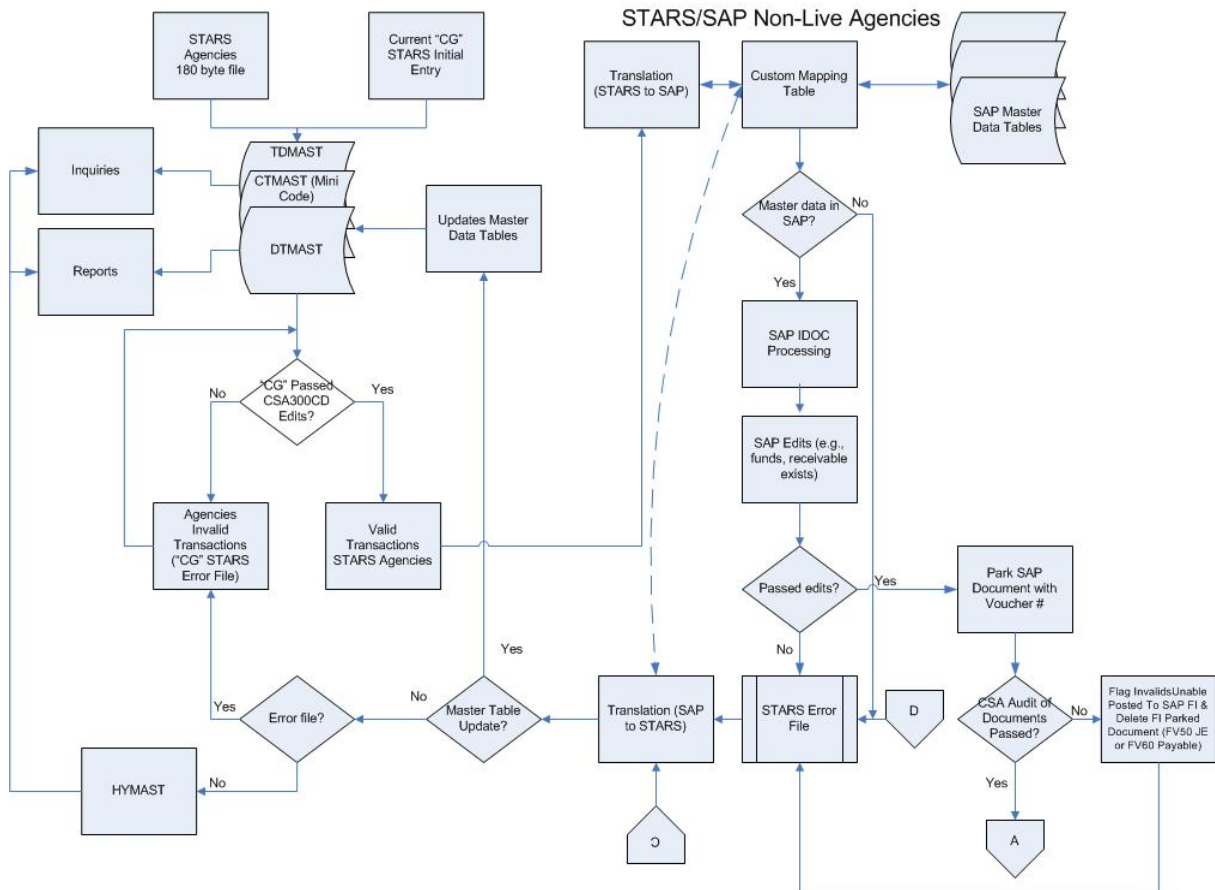
- Minimize impact to non-live SAP agencies
  - Allows non-live agencies to continue to access STARS inquiry systems, functionality and reports
  - Allows non-live agencies to continue to provide files in current format and data to STARS
- Minimize impact on SCEIS resources needed to support non-live agencies
- Minimize development cost of maintaining legacy STARS systems

Requirement:

- When a non-Live Agency submits a JE, the STARS record will be mapped to SAP master data and a SAP FI Journal Entry (FV50) will be created.
- When the non-Live Agency determines a JE is to be reversed or cancelled, the STARS record will be mapped to SAP master data and then the document will either be reset/reversed or reversed based on its clearing status. Note: The STARS record must include the SAP document number.
- If the JE fails to park (save as complete), the record will be mapped back to STARS master data and will be included in the STARS Error file.
- If the parked JE is rejected by workflow, the document will be deleted, the record will be mapped back to STARS master data and will be included in the STARS Error file.
- If the parked JE fails to post due to insufficient cash, the record will be mapped back to STARS master data and will be included in the STARS Error file with the SAP document number (10) and an indicator (1) (Y/N) to ensure the record is not included in the STARS file for reprocessing the next day. Note: If after a determined timeframe, the insufficient cash issue is not resolved, the parked JE will be deleted manually. It will not be included in the STARS History or STARS Error file.
- When the parked JE is finally posted, the record with the document number will be mapped back to STARS master data and will be included in the STARS History file.

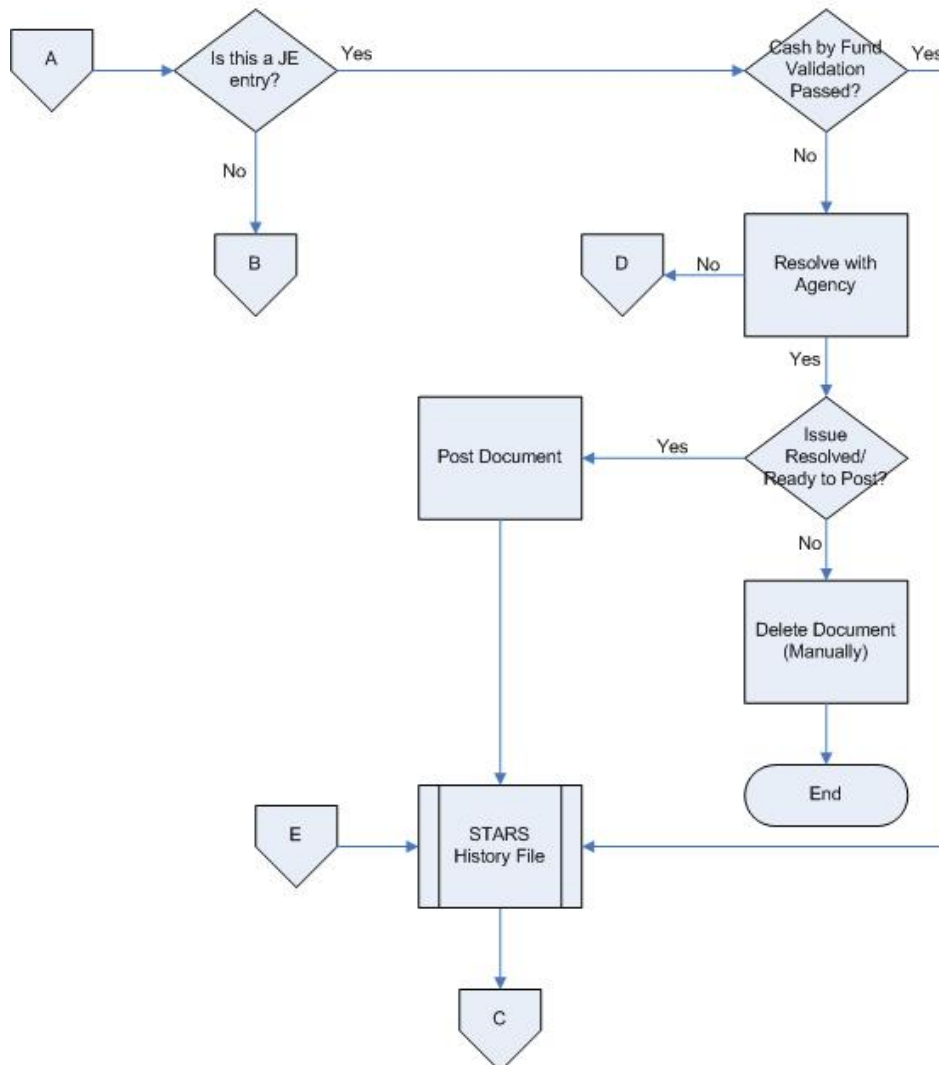**Note**: The STARS History file and Error file will be covered in separate functional specs.

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STARS/SAP Non-Live Agencies

STARS/SAP JE Non-Live Agencies

```
A ──► Is this a JE entry? ──Yes──► ... ──► Cash by Fund Validation Passed? ──Yes──► (down to STARS History File)
                │                                      │
               No                                     No
                ▼                                      ▼
                B                            Resolve with Agency ──No──► D
                                                       │
                                                      Yes
                                                       ▼
                                            Issue Resolved/Ready to Post?
                                              │                  │
                                             Yes                No
                                              ▼                  ▼
                                        Post Document    Delete Document (Manually)
                                              │                  │
                                              ▼                  ▼
                                     STARS History File         End
                                          ▲    │
                                     E ───┘    ▼
                                              C
```
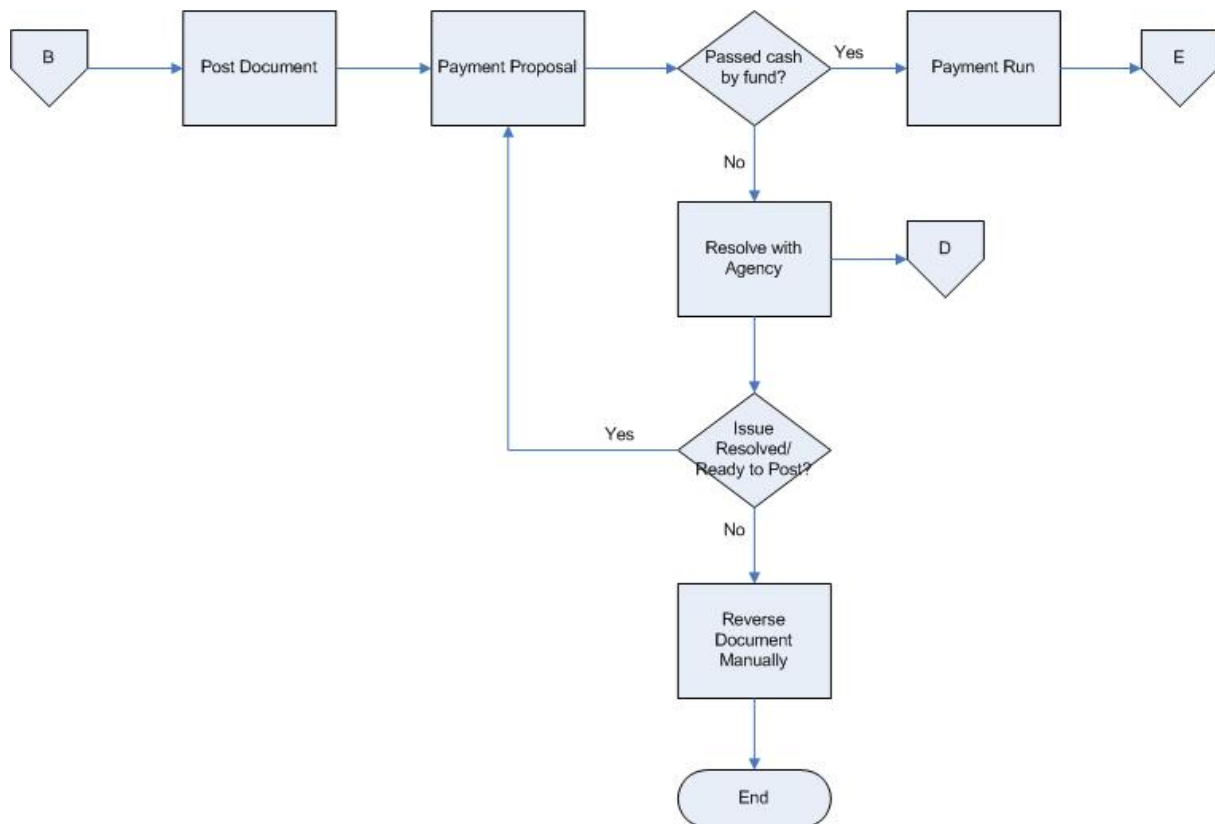
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STARS/SAP Payables Non-Live Agencies

A) Inbound Interfaces (Non-SAP System → SAP System)	
Relevant tables:	Custom Data Mapping, BKPF, BSEG, BSEG_ADD, BSIS and BSAS
Description of inbound interface:	The inbound file will have STARS legacy master data so the program will access the data mapping table (custom) and translate to SAP master data.
	If the record is a JE, Transaction FV50 Park GL Account Document Program SAPMF05A will be completed.
	Possible Idoc: IDOC ACC_GL_POSTING01
	If the record requires a reversal, the program will have to access the BSAK or BSEG to identify if the document has already been cleared. If the document has not been cleared, transaction FB08 Reverse Document Header SAPMF05A will be completed. If the document has been cleared, transaction FBRA Reset and and Reverse Document SAPMF05R will be completed. The reversal reason has yet to be determined. The period to be selected will be based on whether posting to prior periods will be allowed. If it is not, the reversal will be in the current period.

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	Possible Idoc: IDOC ACC_GL_POSTING_REVERSE01
	If the record fails to park (save as complete) prior to workflow, the record will be mapped to STARS master data and will be included in the STARS Error file.
	If the parked document is rejected in workflow, Transaction FV50 Park GL Account Document Program SAPMF05A Delete will be required. The record will be mapped to STARS master data and will be included in the STARS Error file.
	If the parked JE fails to post due to insufficient cash, the record will be mapped back to STARS master data and will be included in the STARS Error file with the SAP document number (10) and an indicator (1) (Y/N) to ensure the record is not included in the STARS file for reprocessing the next day. Note: If after a determined timeframe, the insufficient cash issue is not resolved, the parked JE will be reversed manually, It will not be mapped back to the STARS History or STARS Error file.
	When the parked JE is finally posted, the record with the document number will be mapped back to STARS master data and will be included in the STARS History file.
Input file 01:	
File name.	(path)
Layout	

Position	Field name	Type	Length	Decimals	Description
1.	Field 1	C	10	02	
2.	Field 2	N	8		
3.	Field 3	X	15	03	
4.	Field 4	X	99		
5.	Field 5	X	99		
6.	Field 6	X	99		

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B) Outbound interfaces (SAP System (Non-SAP System)					
Relevant tables:	Custom data mapping table, STARS History File table, STARS Error File table				
Description of outbound interfaces:	SAP Error Messages will need to be mapped to STARS Reason Codes for the STARS History and STARS Error files: Insufficient Appropriation Balance Insufficient Cash Rejected by The data will need to be written to custom tables for: STARS History File STARS Error File These will be covered in detail in other STARS functional specs.				
Output file 01:	FORMTEXT				
File name:	FORMTEXT (path)				
Layout					
Position	*Fieldname*	*Type*	*Length*	*Decimals*	*Description*
1.	Field 1	C	10	02	
2.	Field 2	N	8		
3.	Field 3	X	15	03	
4.	Field 4	X	99		
5.	Field 5	X	99		
6.	Field 6	X	99		

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<table>
<tr><td colspan="4">Section III: Functional test</td></tr>
<tr><td>Program:</td><td>ZFO0001</td><td>Test date:</td><td></td></tr>
<tr><td>Developer:</td><td></td><td>Tel no:</td><td></td></tr>
</table>

Team member responsible for testing:

1.   Test file(s):   (optional)

2.   Is the program in line with the functional specification?
☐ Yes ☐ No
If "Yes", sign the form in the appropriate section below. If necessary, add some comments in the 'General comments' section.
If "No", describe the errors in the program here.

Developer responsible:

3.   Describe the solution(s) :

4.   New completion date:

Comments after second test (if the program contained errors after first test):
Date: /   /

General comments:

Names and signatures:

_____

Application consultant

_____

Developer